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Apple Products: EMI Susceptibility (10/95)

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Security: Everyone

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TOPIC -----

I'm designing office workspaces to house computers and would like specifications for Apple equipment regarding acceptable electro magnetic environmental conditions.

For instance, what's the maximum 60Hz magnetic field Apple monitors can be exposed to before they produce objectionable jitter? Do you have any information about exposing disk drives to Electro-Magnetic Interference (EMI) fields, and so on?

In addition, I would like similar information on AC power supply specifications.

DISCUSSION -----

Except for disk drives, Apple does not perform EMI susceptibility tests on its products.

We test the disk drives to ensure that they have sufficient shielding to maintain data integrity in a typical home or office environment. As long as the drives remain in their housings, you should have a great deal of latitude when positioning them, even without adding additional shielding. They should certainly be fine in any normal home or work environment.

As a general rule, in the abnormal situation where EMI is present, your monitors will be visibly effected long before there is any affect to data on your disk drives or other hardware.

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30 Oct 1995 - Minor corrections.

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